

# Panasonic Broadcast Mechanical Parts List

MODEL: AJ-SD965P/AJ-SD965E/D965MC/SD945E/YAC965E

Note:


1. \*Be sure to make your orders of replacement parts according to this list.
2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS ( $\mu$ F), P= $\mu$  $\mu$ F.
3. The P.C. Board unit marked with "■" shown below the main assembled parts.
4. The parts marked with Ⓔ on the exploded view show the electric parts.
5. IMPORTANT SAFETY NOTICE  
Components identified with the mark  $\triangle$  have the special characteristics for safety. When replacing any of these components, use only the same type.
6. The marking (RTL) indicates the retention time is limited for this item.  
After the discontinuation of this assembly in production, it will no longer be available.
7. "M" in Remark column indicates needed in the periodical maintenance.

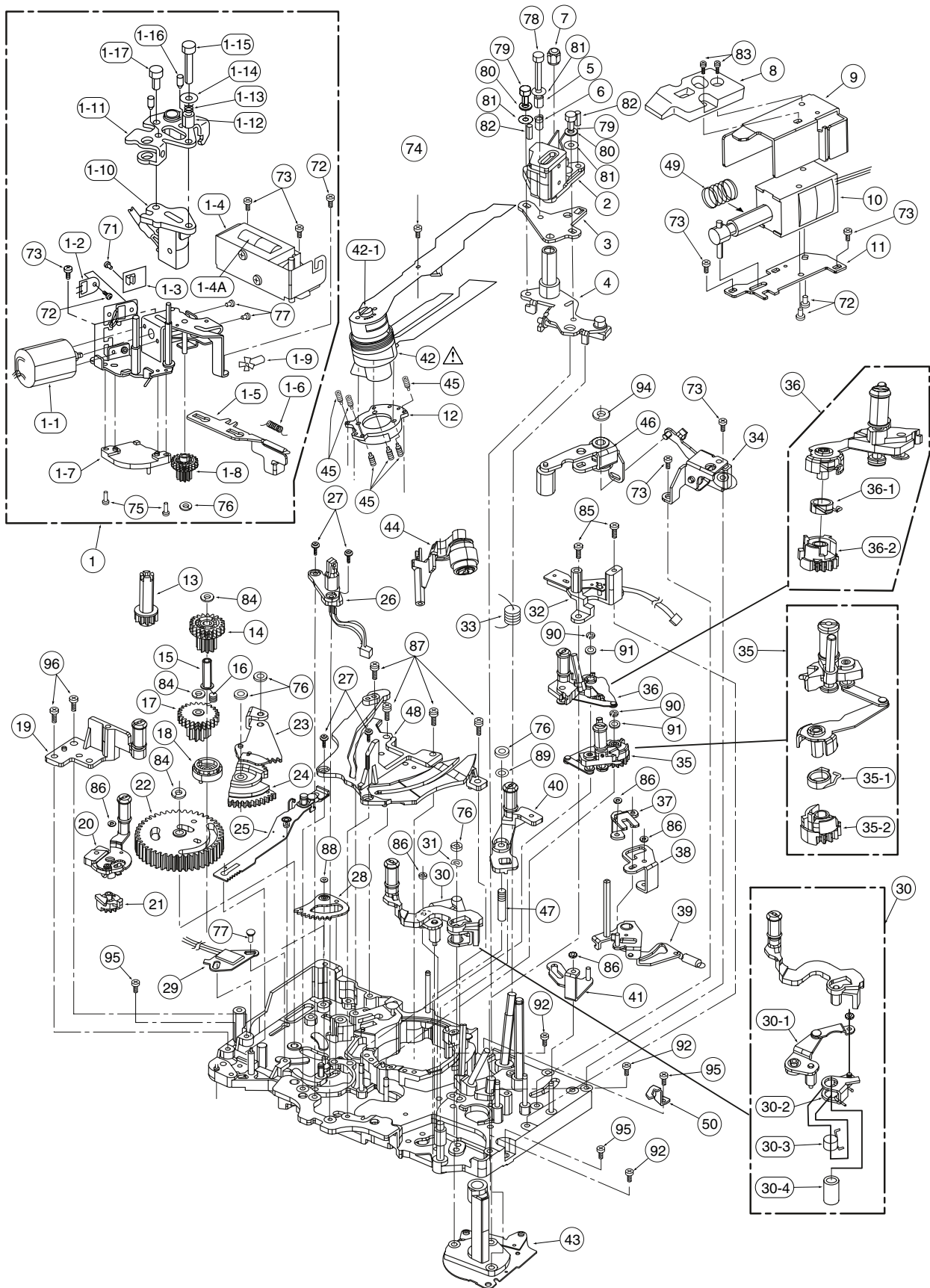
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# MECHANICAL CHASSIS ASSEMBLY (1)

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## MECHANICAL CHASSIS ASSEMBLY (1)

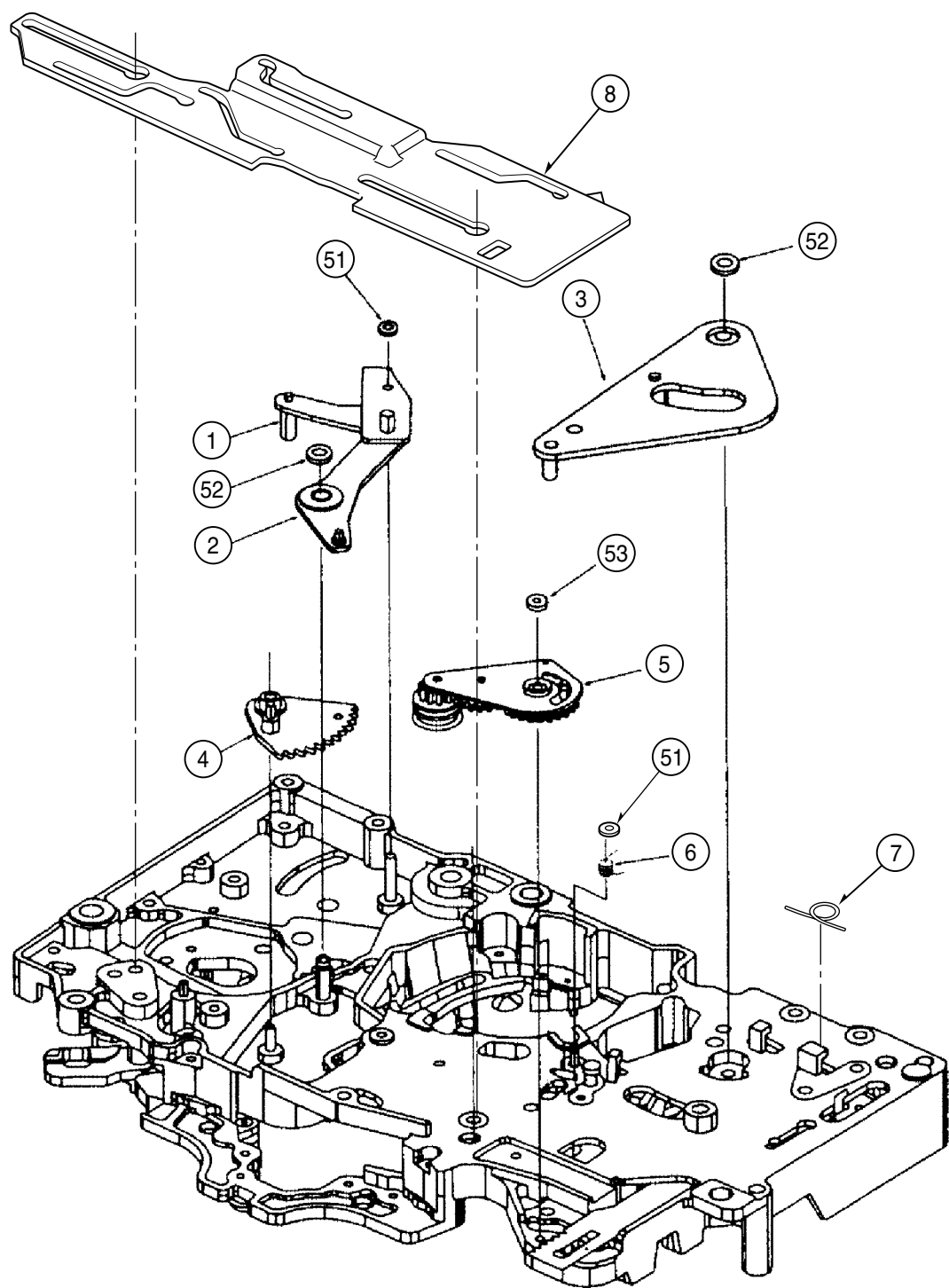
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Ref.No.	Part No.	Part Name & Description	Qty	Remarks
1	VXA7038	MOTOR BRACKET ASS'Y	1	
1-1	VEMO726	MOTOR ASS'Y	1	(M)
1-2	EYHS7777	DEW SENSOR ASS'Y	1	
1-3	VEK8982	FG SENSOR	1	
1-4	VXA6656	CLEANER SOLENOID ASS'Y	1	
1-4A	VSJ0226	CLEANER SOLENOID	1	(M)
1-5	VMM0441	CLEANER ROD	1	
1-6	VMB3454	CLEANER SPRING	1	
1-7	VES0925	MODE SW ASS'Y	1	(M)
1-8	VDG1426	WORM WHEEL	1	
1-9	VXP2029	WORM	1	
1-10	VED0468	PRE CTL HEAD 1 ASS'Y	1	(M)
1-11	VXA6737	PRE CTL HOLDER ASS'Y	1	
1-12	VMS5987	AZIMUTH SLEEVE	1	
1-13	VMB2937	A/C HEAD ADJUST SPRING	1	
1-14	XWG2	WASHER	1	
1-15	XVE2B10FP	SCREW	1	
1-16	XXE2A6FP	HEX SCREW	1	
1-17	XVE2B6FP	HEX SCREW	1	
2	VED0466	A/C HEAD 1 ASS'Y	1	(M)
3	VMAOF40	HORIZONTAL FIX BASE	1	
4	VXA6658	HIGHT FIX BASE	1	
5	VMS5987	AZIMUTH SLEEVE	1	
6	VMB2937	A/C HEAD ADJUST SPRING	1	
7	VHN0365	NYLON NUT	1	
8	VMAOF93	CABLE GUIDE	1	
9	VMAOE98	SOLENOID ANGLE	1	
10	VSJ0227	PINCH SOLENOID	1	(M)
11	VMAOE90	SOLENOID BASE	1	
12	VXA7970	CYLINDER ADAPTOR U	1	
13	VDG1434	EM GEAR	1	
14	VDG1437	CAM CONNECTION GEAR B	1	
15	VMX2993	EM SLEEVE	1	
16	VMB3440	EM GEAR SPRING	1	
17	VDG1423	CAM CONNECTION GEAR A	1	
18	VXP2037C	EMERGENCY CONNECTION GEAR	1	
19	VXA7523	S4 POST BASE ASS'Y	1	(M)
20	VXL3165	S TENSION ARM ASS'Y	1	(M)
21	VDG1438	TENSION LEG GEAR	1	
22	VDG1424	MAIN CAM GEAR	1	(M)
23	VXA6647	S LOAD SECTOR GEAR	1	
24	VDG1422	S CONNECTION GEAR	1	
25	VXA7558	EM ROD ASS'Y	1	
26	VEK8936	LED ASS'Y	1	
27	LMHD16064	SCREW	4	
28	VXA6700	TENSION LEG SECTOR GEAR	1	
29	VXA6644	TENSION SENSOR ASS'Y	1	
30	VXL3164	T5 ARM ASS'Y	1	(M)
30-1	VXL2989	T5 DRIVE LEVER A	1	
30-2	VXL2991	T5 DRIVE LEVER B	1	
30-3	VMB3436	T5 CHARGE SPRING	1	
30-4	VMX2982	T5 ARM SLEEVE	1	
31	VMB3418	T5 THRUST SPRING	1	
32	VMB3910	TENSION BASE	1	
33	VMB3434	A/C HIGHT SPRING	1	
34	VXA6703	PINCH ELEVATOR ASS'Y	1	
35	VXA7886C	T LOADING ASS'Y	1	(M)
35-1	VMB3426	T-LOADING SPRING	1	
35-2	VDG1428	T-LOADING GEAR	1	
36	VXA7885C	S LOADING ASS'Y	1	(M)
36-1	VMB3425	S LOADING SPRING	1	
36-2	VDG1427	S LOADING GEAR	1	
37	VXL3008C	SOLENOID TURN ARM U	1	
38	VML3520	SOLENOID CONNECTION ARM	1	
39	VXL3002	PINCH TURN ARM	1	
40	VXL3163	T6 ARM ASS'Y	1	(M)
41	VXL3011C	ELEVATOR DRIVE ASS'Y	1	
△ 42	VEG1501	CYLINDER UNIT	1	(M)
42-1	VMD3885	CAP	1	
43	VEMO717	CAPSTAN ASS'Y	1	(M)
44	VXL3028	CLEANING ARM ASS'Y	1	(M)
45	VXQ0439	SCREW	6	
46	VXL3040	PINCH ARM ASS'Y	1	(M)
47	VMB3418	T5 THRUST SPRING	1	

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MECHANICAL CHASSIS ASSEMBLY (2)



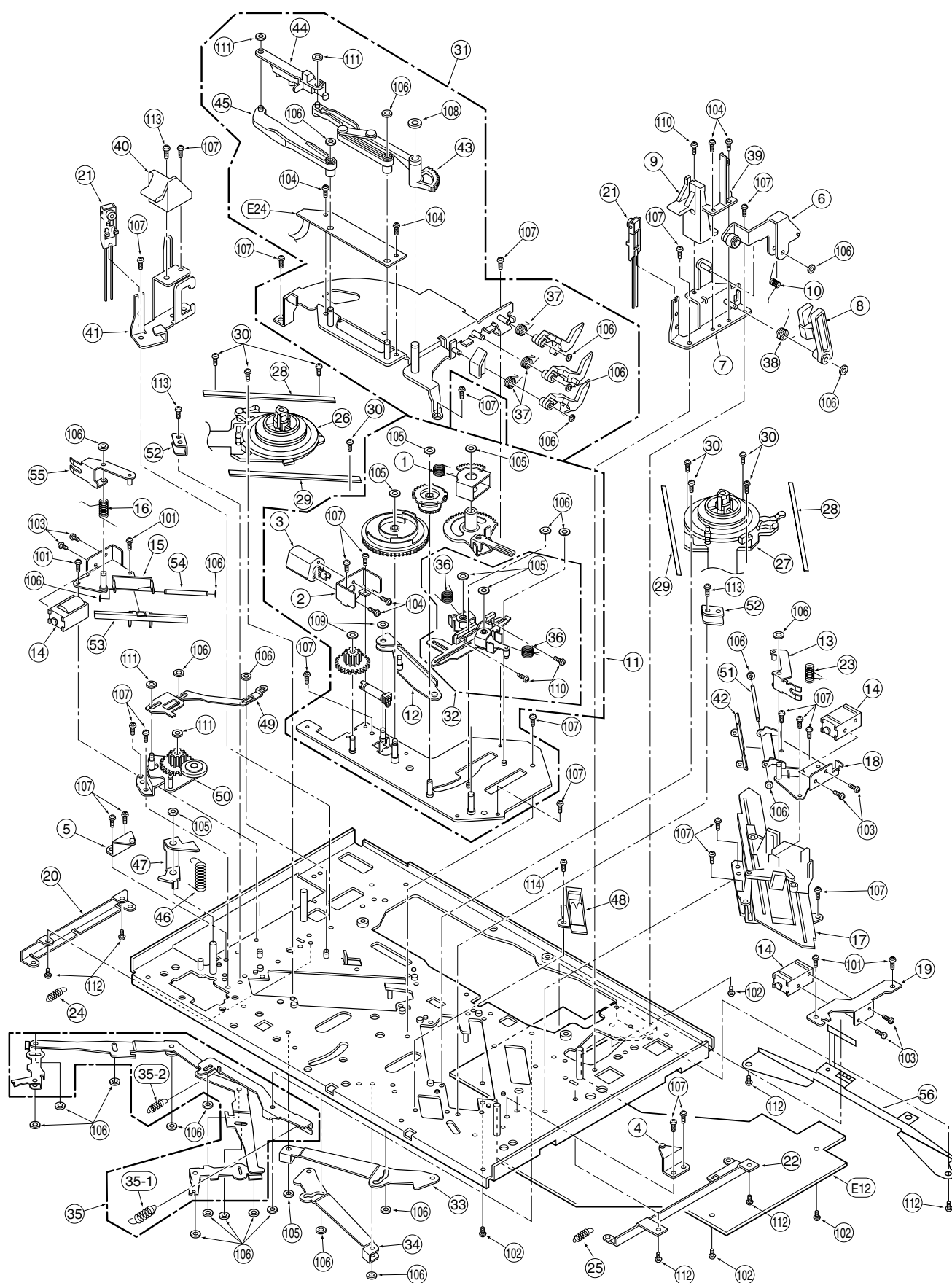


## MECHANICAL CHASSIS ASSEMBLY (2)

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# SUB CHASSIS ASSEMBLY



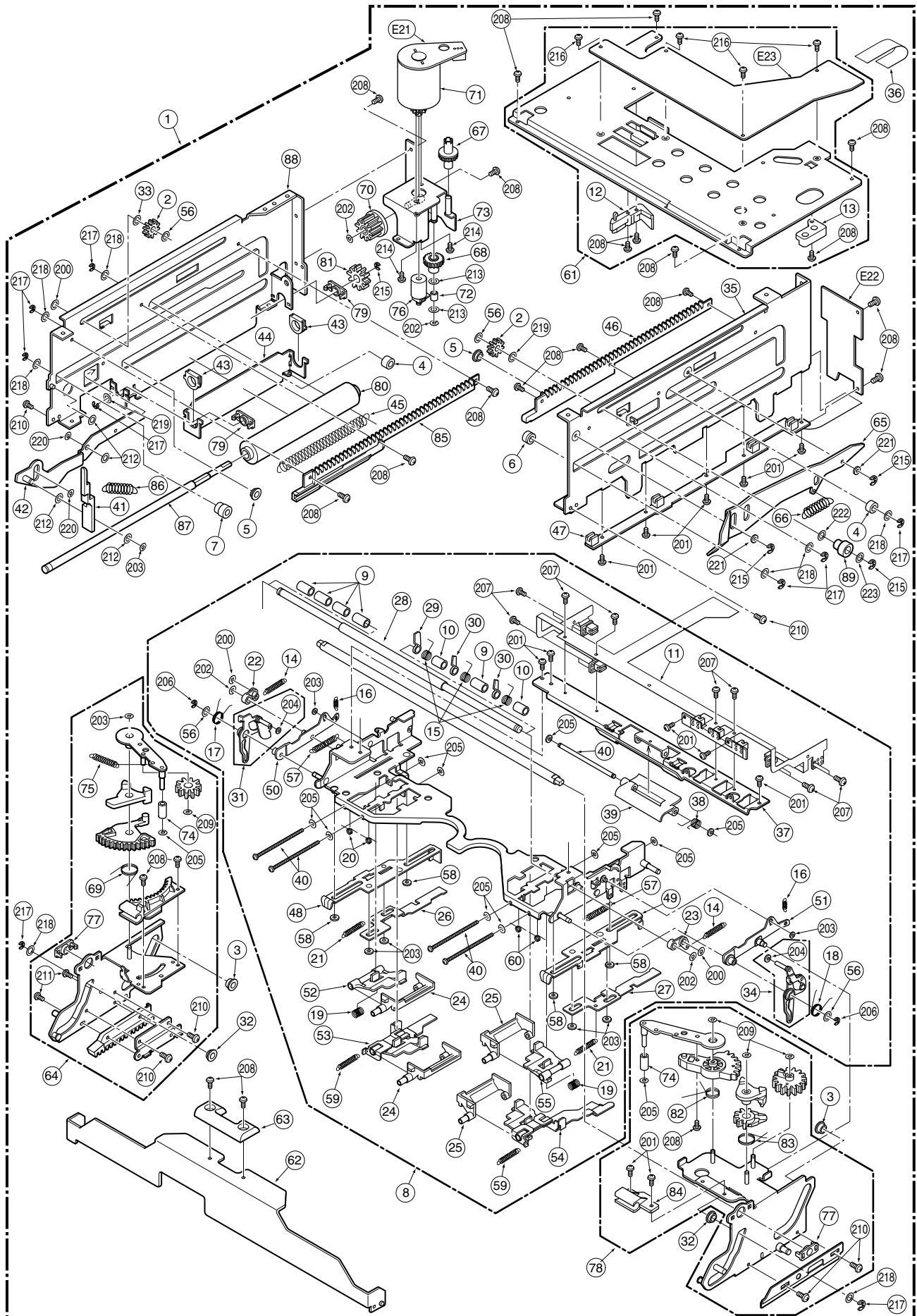


## SUB CHASSIS ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VMB3725	BACK CHARGE SPRING	1		114	XYN2+J5FJ	SCREW	1	
2	VMAOP68	REEL DRIVE MOTOR HOLDER	1						
3	VEMO777	REEL DRIVE MOTOR ASS'Y	1 (M)						
4	VXA7557	SUPPORT ANGLE R ASS'Y	1		E12	VEP82258A	MECH IF P.C. BOARD	1	
5	VXA7556	SUPPORT ANGLE L ASS'Y	1		E24	VEP80C69A	REEL SENSOR P.C. BOARD	1	
6	VXL3167	M RID OPENER ASS'Y	1						
7	VXA7533	RID OPENER BASE R 1 ASS'Y	1						
8	VML3742	RELEASE LEVER	1						
9	VMD4793	L COVER OPENER BASE	1						
10	VMB3721	M OPENER SPRING	1						
11	VXA7770	REEL DRIVE ASS'Y	1						
12	VMB3724	MIC DRIVE RETURN SPRING	1						
13	VXL3181	T BRAKE ARM XL ASS'Y	1						
14	VSJ0216	SOLENOID	3 (M)						
15	VXA7553	S BRAKE SOLENOID BASE ASS	1						
16	VMB3729	S BRAKE SPRING	1						
17	VXA7772C	MIC ASS'Y	1 (M)						
18	VXA7555	T BRAKE SOLENOID BASE ASS	1						
19	VMAOP66	REEL STOPPER SOLENOID BAS	1						
20	VMAOT50	MECHA I/F PLATE L	1						
21	VEK7692C	SENSOR HOLDER ASS'Y	2						
22	VMAOT51	MECHA I/F PLATE R	1						
23	VMB3730	T BRAKE SPRING	1						
24	VMB3743	STOPPER RETURN SPRING L	1						
25	VMB3744	STOPPER RETURN SPRING R	1						
26	VEMO819	S REEL MOTOR ASS'Y	1 (M)						
27	VEMO730	T REEL MOTOR ASS'Y	1 (M)						
28	VMS5923	REEL OUTER RAIL	2						
29	VMS7285	RAIL XL (OUT)	2						
30	VHD0995	SCREW	8						
31	VXA7982	COVER ASS'Y	1						
32	VXA7542	SLIDE ROD ASS'Y	1						
33	VXL3175	S BASE DRIVE ARM	1						
34	VXL3176	T BASE DRIVE ARM	1						
35	VXL3169	REEL STOPPER ASS'Y	1						
35-1	VMB3772	STOPPER RETURN SPRING A	1						
35-2	VMB3773	STOPPER RETURN SPRING B	1						
36	VMB3723	REEL CHARGE SPRING	2						
37	VMB3727	REEL LOCK RELEASE SPRING	3						
38	VMB3720	RELEASE LEVER SPRING	1						
39	VMAOP62	SUB STOPPER	1						
40	VML3741	RID OPENER L	1						
41	VMAOP60	RID OPENER BASE L	1						
42	VML3763	T BRAKE RELEASE ARM XL	1						
43	VXA7551	BACK 1 ASS'Y	1						
44	VMD4794	BACK BASE	1						
45	VXL3178	BACK ARM L ASS'Y	1						
46	VMB3728	BACK RETURN SPRING	1						
47	VXL3179	BACK STOPPER ARM ASS'Y	1						
48	VMD4795	FLEX. GUIDE	1						
49	VMM0461	EE ROD	1						
50	VXA7534C	EE BASE ASS'Y	1						
51	VMS7277	T BRAKE RELEASE ARM SHAFT	1						
52	VMZ3337	REEL FLEX COVER	2						
53	VML3761	S BRAKE RELEASE ARM XL	1						
54	VMS7275	S BRAKE RELEASE ARM SHAFT	1						
55	VXL3180	S BRAKE ARM XL ASS'Y	1						
56	VMAOT03	FCP BASE	1						
101	XQN2+CF4FJ	SCREW	4						
102	XYN26+F5FJ	SCREW	4						
103	XQN2+A15	SCREW	6						
104	XQN2+A2FJ	SCREW	6						
105	VMX1079	CUT WASHER	7						
106	VMX0967	CUT WASHER	30						
107	XQN2+CF3FJ	SCREW	24						
108	VMX0653	CUT WASHER	1						
109	VMX1548	CUT WASHER	2						
110	LMHD16064	SCREW	3						
111	VMX1061	WASHER	4						
112	XYN26+J4FJ	SCREW	6						
113	XYN2+C4FJ	SCREW	3						



# FRONT LOADING ASSEMBLY



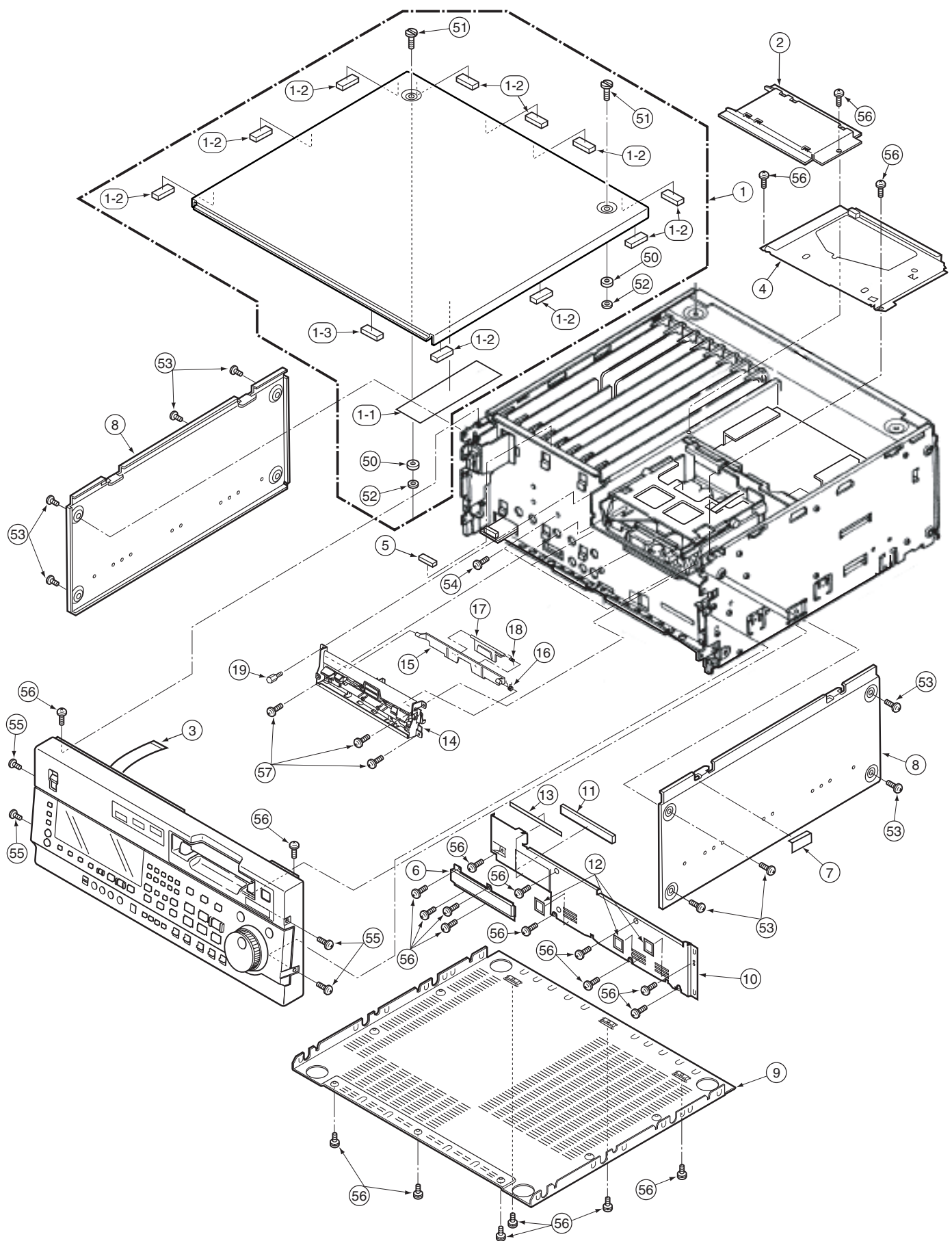


## FRONT LOADING ASSEMBLY

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# CASING ASSEMBLY





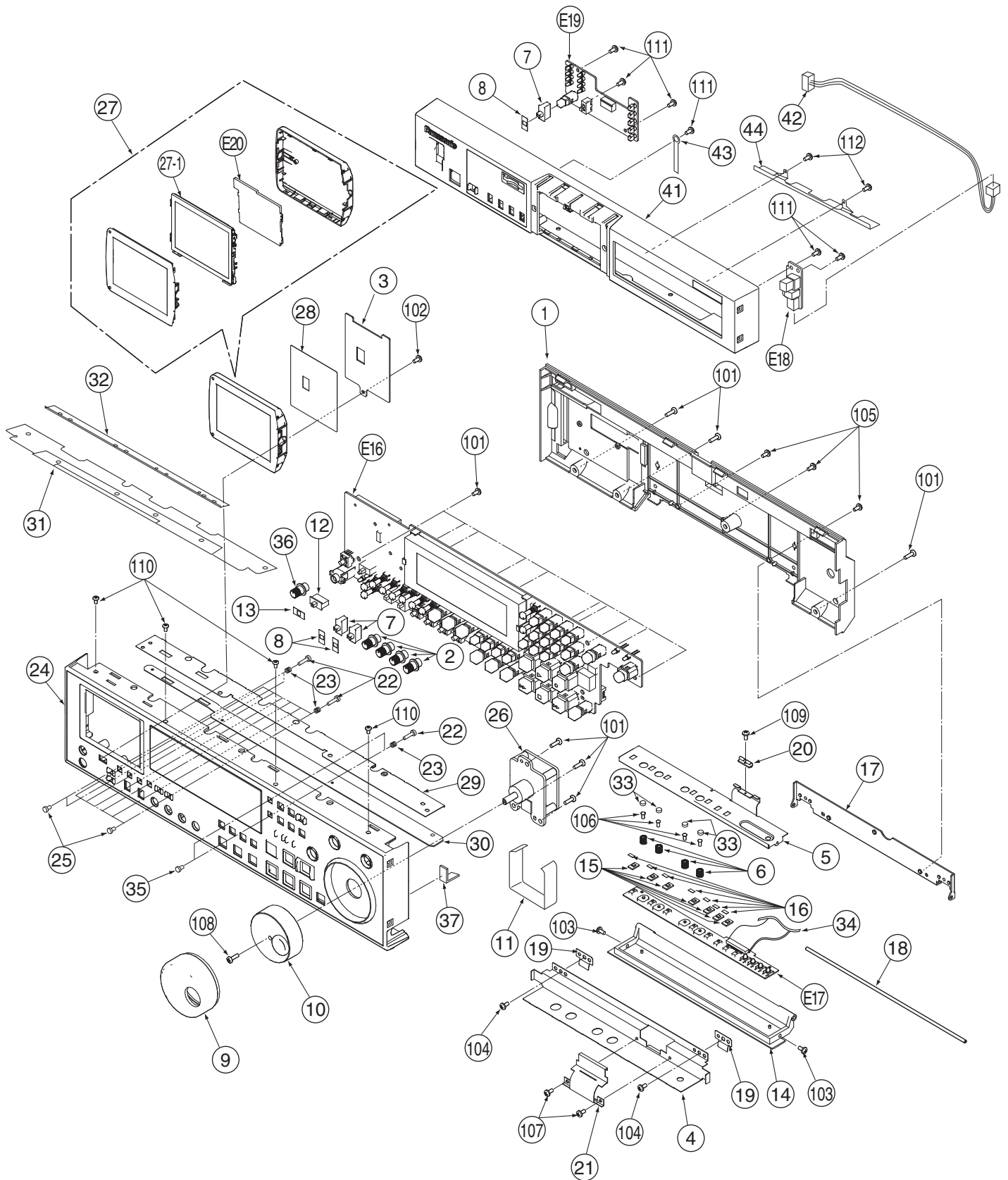
## CASING ASSEMBLY

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# FRONT PARTS ASSEMBLY






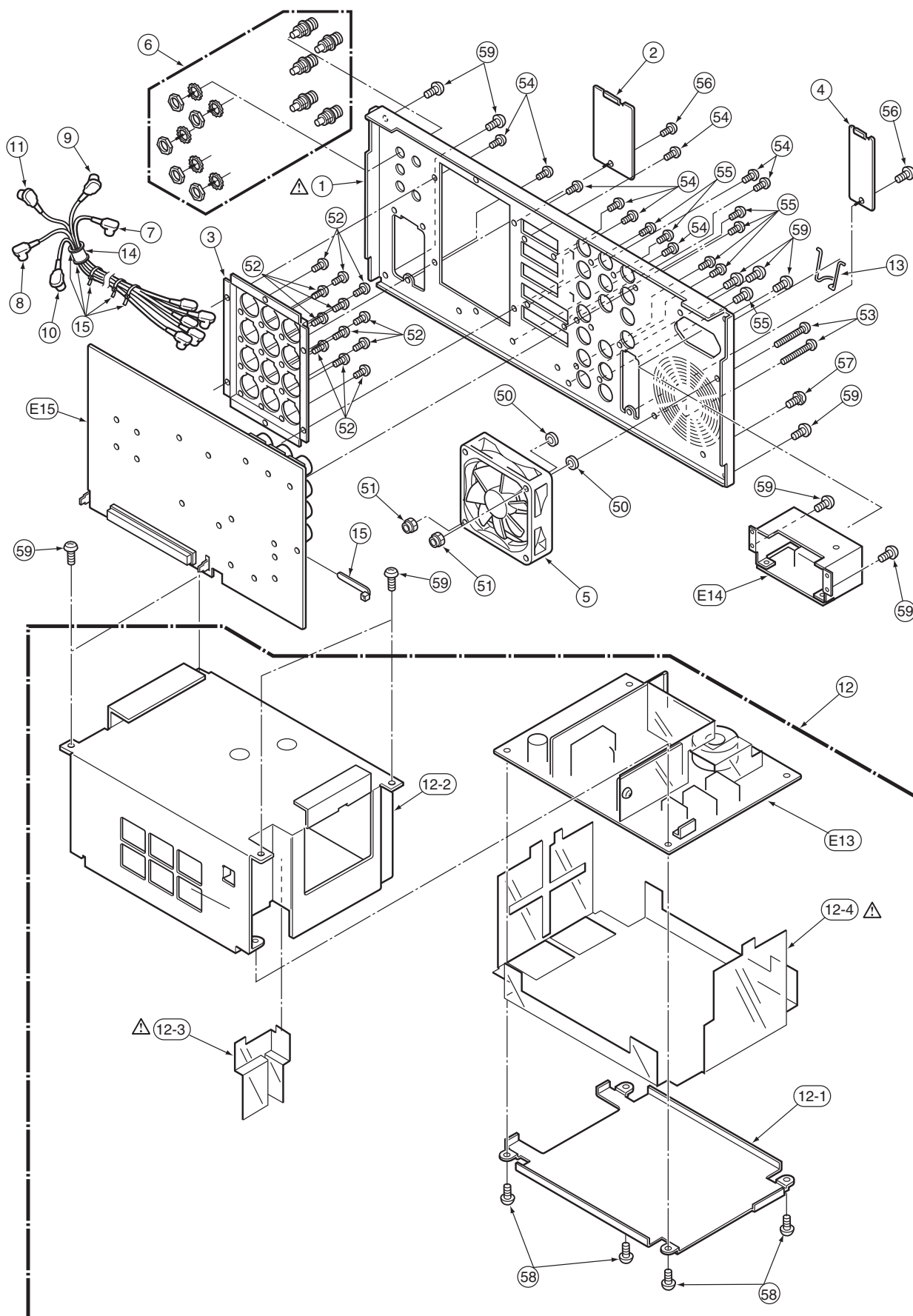
## FRONT ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VKU0595	BACK COVER	1						
2	VGU9664	VR KNOB	4						
3	VMP8075	LCD PROTECTION ANGLE	1						
4	VGM2096	SUB CONTROL SUPPORT ANGLE	1						
5	VGM2097	SUB CONTROL ANGLE	1	FOR AJ-SD965P/E/D965MC					
5	VGM2113	SUB CONTROL ANGLE	1	FOR AJ-SD945E					
6	VGU7178	VR KNOB	4						
7	VGU9663	SLIDE KNOB	3						
8	VGH4776	SLIDE KNOB SHEET	3						
9	VGU9614	SEARCH DIAL RUBBER	1						
10	VGU9613	SEARCH DIAL KNOB	1						
11	VGFO802	SEARCH DIAL COVER	1						
12	VGU5582	SWITCH KNOB	1	FOR AJ-SD965P/E/D965MC					
13	VGFI008	SLIDE SW SHEET	1	FOR AJ-SD965P/E/D965MC					
14	VKF3541	SUB SW DOOR	1						
15	VGU7179	SLIDE SW KNOB	7						
16	VQLOF68	SLIDE SW SEAL	7						
17	VGM2117	SUB CONTROL ANGLE	1						
18	VMS6012	SHAFT	1						
19	VMB2978	LEAF SPRING	2						
20	VMC1241	EARTH PLATE	1						
21	VMP8356	EARTH PLATE SUB	1						
22	VGG3176	PUSH BUTTON	10						
23	VMB3942	KEY SW COIL SPRING	10						
24	VYP9047	FRONT PANEL (2) U (LOWER)	1	FOR AJ-SD965P/E					
24	VYP9048	FRONT PANEL (2) U (LOWER)	1	FOR AJ-D965MC					
24	VYP9049	FRONT PANEL (2) U (LOWER)	1	FOR AJ-SD945E					
25	VGU9190	PUSH BUTTON S	8						
26	K9B270YY0001	SEARCH DIAL	1						
27	VEK0684	LCD U	1						
27-1	KBCUGS100VM	BACK LIGHT U	1						
28	VMZ3475	INSULATION SHEET	1						
29	VMP8168	PANEL ANGLE	1						
30	VMP8169	FIX ANGLE	1						
31	VSC5654	PANEL EARTH SHEET	1						
32	VMP8288	SHEET MOUNT ANGLE	1						
33	VMT1648	VR CAP	4						
34	VWJ20SW130LO	FLEX. CABLE	1						
35	VGU9189	PUSH BUTTON B	2						
36	VGU9767	HP VR KNOB	1						
37	VMT1563	SOFT HIGH SHIELD GASKET	1						
41	VYP9099	FRONT UPPER PANEL (1) U	1	FOR AJ-SD965P/E/D965MC					
41	VYP9100	FRONT UPPER PANEL (1) U	1	FOR AJ-SD945E					
42	VEEOW79	EJECT CONNECTION CABLE	1						
43	VJF1443	CLAMPER	1						
44	VJF1475	HARNESS SHEET	1						
101	XTN4+10GFJ	SCREW	16						
102	XTV3+8GFJ	SCREW	1						
103	XSS26+6FJK	SCREW	2						
104	XSB3+6FJK	SCREW	2						
105	XSB3+8FJK	SCREW	3						
106	XQN14+C4FJ	SCREW	4						
107	XSN26+3FJ	SCREW	2						
108	XSN2+8FJ	SCREW	1						
109	XSN2+3FJ	SCREW	1						
110	XSB26+5FJ	SCREW	4						
111	XTV3+8GFZ	SCREW	6						
112	XTB2+6GFZ	SCREW	2						
E16	VEP86340B	FRONT MAIN P. C. BAORD	1	FOR AJ-SD965P/E/D965MC					
E16	VEP86340C	FRONT MAIN P. C. BOARD	1	FOR AJ-SD945E					
E17	VEP80C89A	FRONT POCKET P. C. BOARD	1	FOR AJ-SD965P/E/D965MC					
E17	VEP80C89B	FRONT POCKET P. C. BOARD	1	FOR AJ-SD945E					
E18	VEP80D32A	FRONT EJECT P. C. BAORD	1						
E19	VEP80D33A	FRONT UP EJECT P. C. BAORD	1	FOR AJ-SD965P/E/D965MC					
E19	VEP80D33B	FRONT UP EJECT P. C. BOARD	1	FOR AJ-SD945E					
E20	VEP26257C	MONITOR P. C. BOARD	1						




# REAR PANEL ASSEMBLY

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## REAR PANEL ASSEMBLY

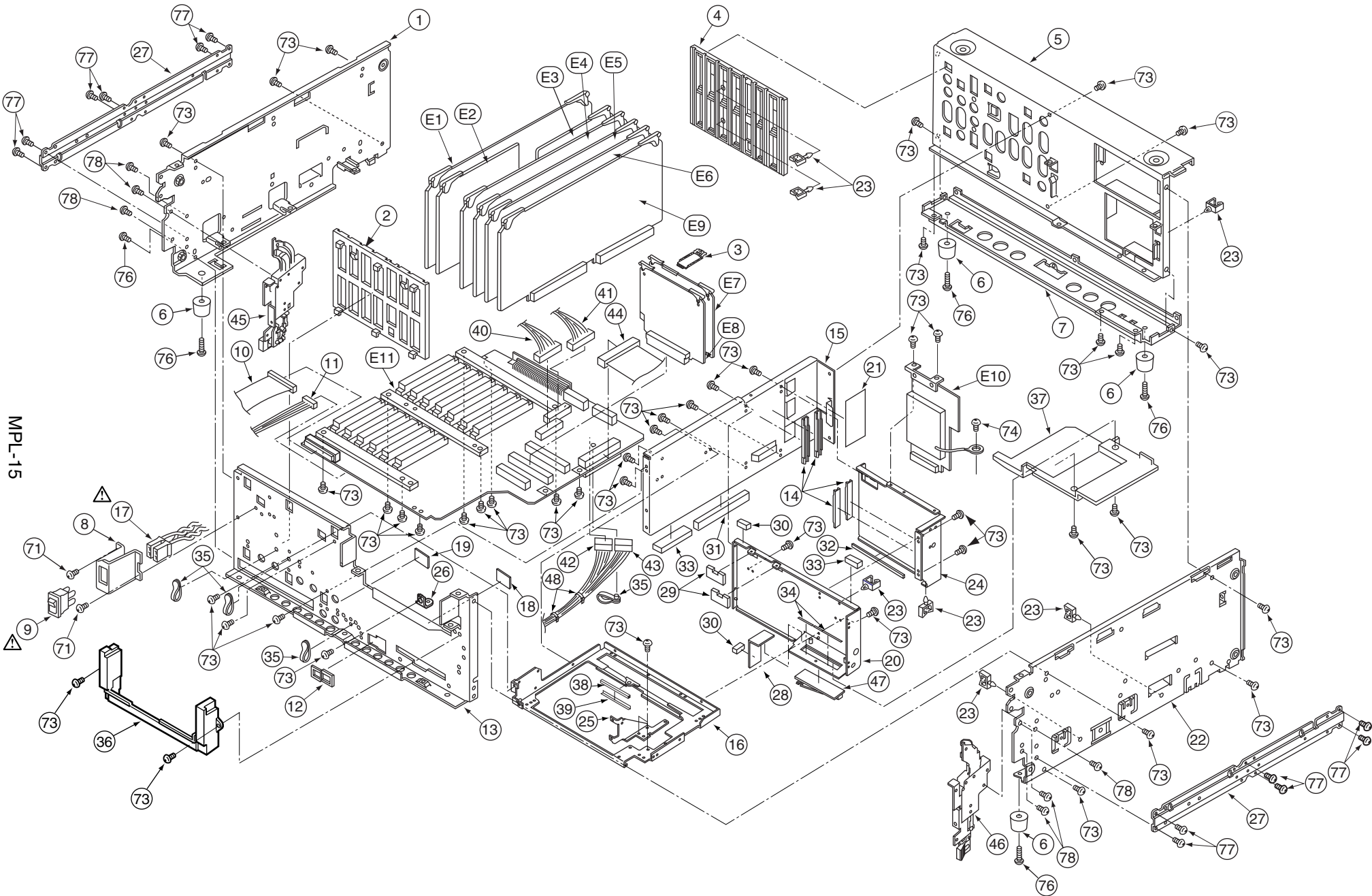
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# CHASSIS FRAME ASSEMBLY

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# CHASSIS FRAME ASSEMBLY

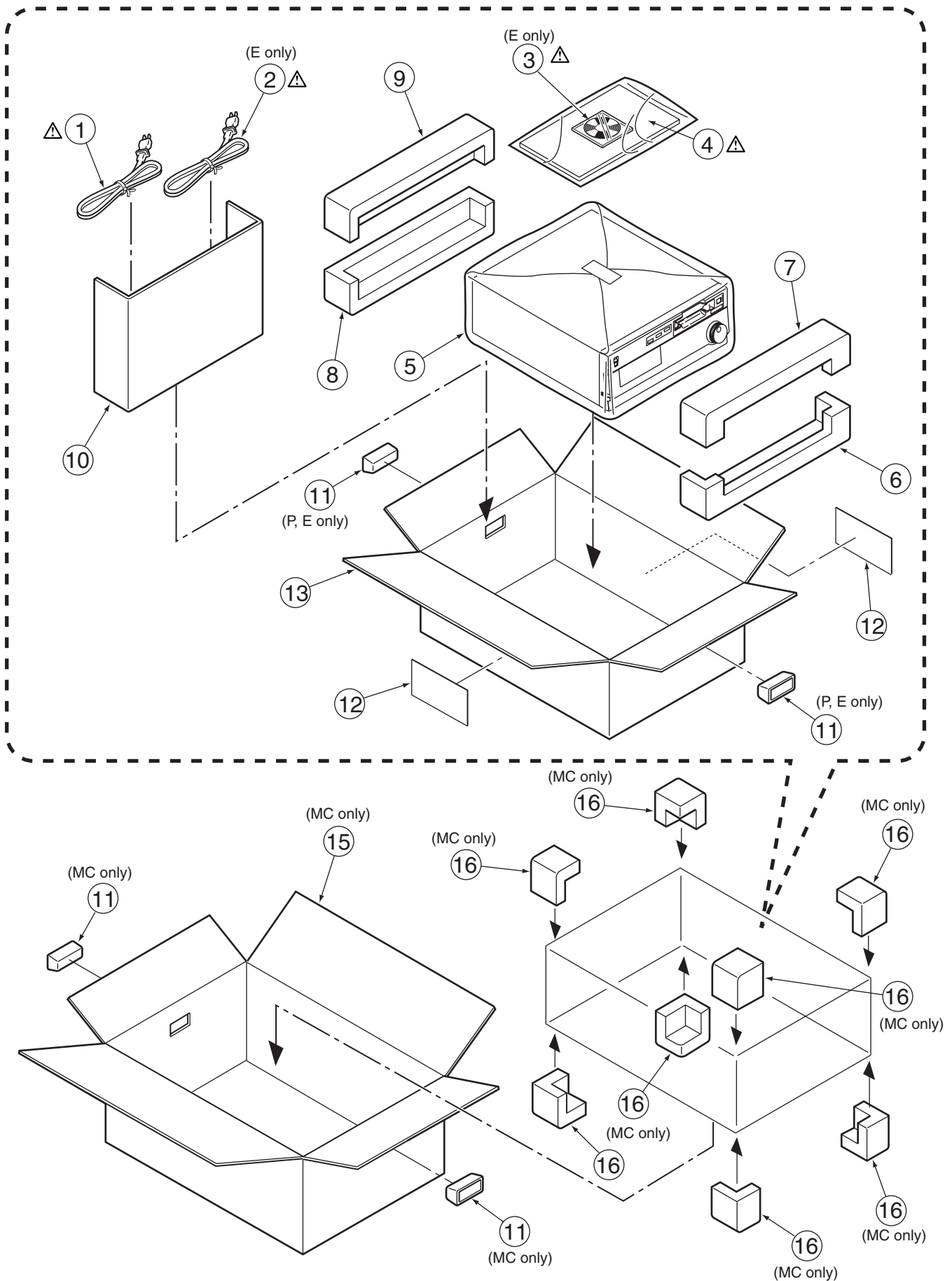
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VMP8353	SIDE FRAME (L)	1						
2	VG05645	P.C.B. GUIDE RAIL 7	1						
3	VXA7958	H-PBU HOLDER PLATE	1						
4	VG08320	GUIDE RAIL	1						
5	VMP8341	REAR FRAME	1						
6	VKA0117	PLASTIC FOOT	4						
7	VMP8338	BOTTOM FRAME	1						
8	VMP8292	SW BRACKET	1						
△ 9	KOAAKE00053	AC SWITCH	1						
10	VEE0270	M FRM1	1						
11	VEE0271	M FRM2	1						
12	VJF1259	EDGE HOLDER	1						
13	VMP8235	FRONT FRAME	1						
14	VG01016	GUIDE RAIL	4						
15	VMP8234	CENTER FRAME	1						
16	VXA7743	MECHA FRAME ASS'Y	1						
△ 17	VEE047	AC CABLE	1						
18	VG0840	DUST PROOF	1						
19	VG0859	SHIELD (2)	1						
20	VMP8232	MIDDLE FRAME	1						
21	VMZ3570	POWER U LEAD SHEET	1						
22	VMP8354	SIDE FRAME (R)	1						
23	VJF0384	CLAMPER	7						
24	VMP8233	SERVO PBU FRAME	1						
25	VMP8337	CASSETTE GUIDE MOUNT ANGLE	1						
26	VMP8311	SAUB P.C.B. HOLDER ANGLE	1						
27	VMP8313	RACK MOUNT	2						
28	VMZ3571	MECHA REAR FRAME	1						
29	VMT1650	DUST PROOF CUSHION (A)	2						
30	VMT1660	DUST PROOF CUSHION (A)	2						
31	VMT1044	DUST PROOF CUSHION (L)	1						
32	VMT0999	DUST PROOF CUSHION (L)	1						
33	VMT1043	CUSHION	2						
34	VMZ3573	INSULATION SHEET	2						
35	VJF0469	CLAMPER	4						
36	VXA7959	MECHA DUST PROOF (F) ASS'Y	1						
37	VXA7032	MECHA SHIELD (L) ASS'Y	1						
38	VJF1522	EDGE GUARD	1						
39	VMZ3414	INSULATION SHEET B	1						
40	VEE1A54	MOTHER POWER CABLE	1	(BLACK)					
41	VEE1A55	MOTHER POWER CABLE	1	(BLUE)					
42	VEE1A56	MOTHER MIF CABLE	1	(20PIN)					
43	VEE1A57	MOTHER MIF CABLE	1	(22PIN)					
44	VEE1A58	MOTHER MIF CABLE	1	(80PIN)					
45	VYQ3442	ROTARY BRACKET L	1						
46	VYQ3443	ROTARY BRACKET R	1						
47	VJF1520	CLAMPER	1						
48	VJF1157	HARNESS	2						
71	VHD1773	SCREW	2						
73	XTV3+6FFJ	SCREW	46						
74	XYN2+F4	SCREW	1						
76	XYNV3+K12S	SCREW	4						
77	XTV4+6FFJ	SCREW	12						
78	XYN3+C6FJ	SCREW	6						
E1	VEP84383E	AUDIO P.C. BOARD	1						
E2	VEP84384D	A PROC P.C. BOARD	1						
E3	VEP83605C	SD1 P.C. BOARD	1						
E4	VEP83629F	REC PB P.C. BOARD	1						
E5	VEP83653A	V OUT P.C. BOARD	1						
E6	VEP86348A	SYSCON P.C. BOARD	1	FOR AJ-SD965P					
E6	VEP86348C	SYSCON P.C. BOARD	1	FOR AJ-SD965E/D965MC					
E6	VEP86348B	SYSCON P.C. BOARD	1	FOR AJ-SD945E					
E7	VEP82257A	SERVO DRIVE P.C. BOARD	1						
E8	VEP82256A	SERVO CONTROL P.C. BOARD	1						
E9	VEP85207D	RF EQ P.C. BOARD	1						
E10	VEP85208C	RF CUE P.C. BOARD	1						
E11	VEP80D31A	MOTHER P.C. BOARD	1						




# PACKING PARTS ASSEMBLY

Components identified with the mark  have the special characteristics for safety. When replacing any of these components, use only the same type.






## PACKING PARTS ASSEMBLY

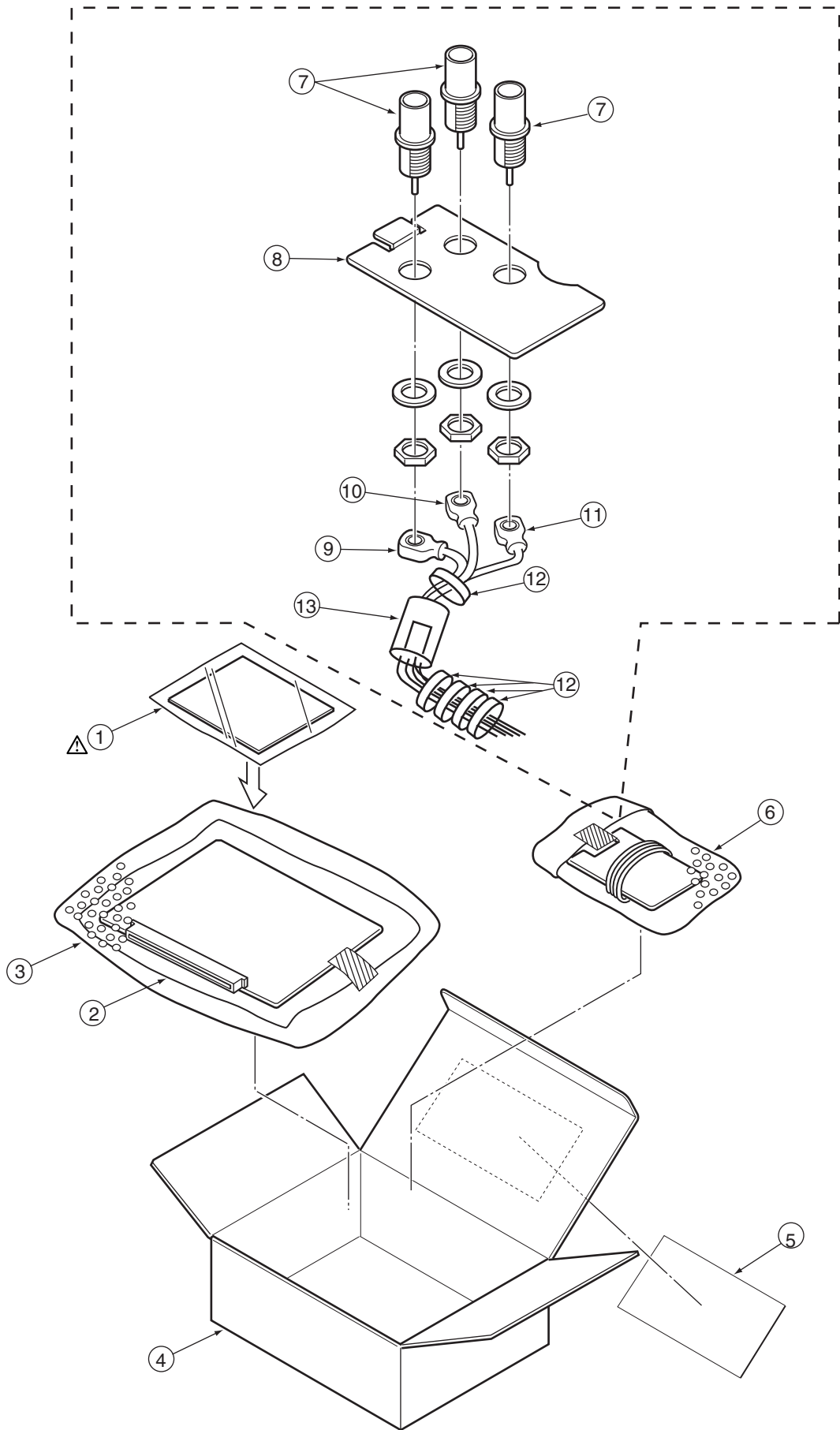
Components identified with the mark  have the special characteristics for safety. When replacing any of these components, use only the same type.

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# PACKING PARTS ASSEMBLY (AJ-YAC965E)

Components identified with the mark  have the special characteristics for safety. When replacing any of these components, use only the same type.





## PACKING PARTS ASSEMBLY

Components identified with the mark  have the special characteristics for safety. When replacing any of these components, use only the same type.

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